

Appendix table 6-20.

Academic doctoral scientists and engineers by type of institution, appointment, and primary work responsibility: 1973-97
 (Thousands)

Year	All academic institutions				Research universities ^a				All other institutions			
	Total	Teaching	Research	Other	Total	Teaching	Research	Other	Total	Teaching	Research	Other
Total employment												
1973	118.0	73.3	27.8	15.4	65.2	32.3	22.9	9.2	52.8	41.0	4.9	6.2
1975	134.1	83.8	30.8	16.4	73.4	36.6	25.6	9.7	60.7	47.2	5.2	6.7
1977	145.4	82.2	37.0	23.8	78.2	33.4	29.5	14.2	67.2	48.8	7.5	9.6
1979	155.3	83.8	41.3	29.1	83.5	34.0	32.2	16.8	71.8	49.8	9.1	12.3
1981	167.1	95.9	46.5	23.0	91.1	39.2	37.5	13.3	76.0	56.7	9.0	9.7
1983	176.1	97.7	48.9	28.1	89.9	36.8	37.4	14.8	86.2	60.9	11.5	13.3
1985	190.2	101.0	55.9	30.6	102.8	38.4	45.4	17.2	87.4	62.6	10.5	13.4
1987	195.9	99.3	66.5	29.5	106.9	36.0	53.8	16.9	89.0	63.3	12.7	12.6
1989	206.6	100.9	72.2	32.6	112.5	35.8	58.0	18.2	94.1	65.1	14.2	14.4
1991	210.6	103.4	73.9	32.3	111.6	34.5	57.9	18.8	99.0	68.9	16.0	13.5
1993	213.8	98.3	80.2	35.2	113.0	32.8	60.6	19.5	100.8	65.5	19.6	15.7
1995	217.5	100.2	83.0	34.3	112.7	31.7	62.3	18.7	104.8	68.5	20.7	15.6
1997	232.5	105.4	88.6	38.5	113.6	33.4	60.7	19.6	118.9	72.0	27.9	18.9
Full-time faculty												
1973	100.7	67.9	19.6	13.2	55.7	31.1	16.3	8.3	45.0	36.8	3.3	4.9
1975	113.5	77.7	21.2	14.5	61.5	35.1	17.5	8.9	52.0	42.6	3.7	5.6
1977	121.1	75.0	25.5	20.6	64.7	32.1	20.0	12.6	56.4	42.9	5.5	8.0
1979	123.5	74.3	27.1	22.0	67.0	32.5	21.1	13.5	56.5	41.8	6.0	8.5
1981	137.1	88.2	31.4	17.5	73.7	37.9	25.1	10.7	63.4	50.3	6.3	6.8
1983	137.2	84.3	31.9	20.9	72.3	34.9	25.3	12.1	64.9	49.4	6.6	8.8
1985	151.7	90.6	39.1	21.9	80.6	35.9	31.4	13.3	71.1	54.7	7.7	8.6
1987	159.9	89.9	48.3	21.7	84.2	33.6	38.4	12.2	75.7	56.3	9.9	9.5
1989	165.4	90.3	51.4	23.7	86.6	32.9	40.7	12.9	78.8	57.4	10.7	10.8
1991	168.1	92.4	53.5	22.2	85.8	32.1	41.1	12.5	82.3	60.3	12.4	9.7
1993	168.5	87.8	56.9	23.8	85.3	30.7	42.0	12.6	83.2	57.1	14.9	11.2
1995	165.5	87.3	55.9	22.3	81.8	29.1	41.1	11.6	83.7	58.2	14.8	10.7
1997	165.8	88.6	54.5	22.7	81.5	29.9	39.5	12.1	84.3	58.7	15.0	10.6
Postdoctorates												
1973	4.2	0.1	3.8	0.2	3.5	0.1	3.2	0.2	0.7	0.0	0.6	0.1
1975	6.2	0.1	5.7	0.4	5.3	0.1	4.9	0.3	0.9	0.1	0.8	0.1
1977	7.6	0.1	6.8	0.7	6.5	0.1	5.9	0.6	1.1	0.0	0.9	0.1
1979	8.1	0.2	6.9	1.0	6.8	0.1	5.8	0.9	1.3	0.1	1.1	0.1
1981	8.5	0.1	7.7	0.7	7.0	0.0	6.5	0.5	1.5	0.1	1.2	0.2
1983	8.3	0.4	7.1	0.7	6.7	0.2	6.1	0.4	1.6	0.3	1.1	0.3
1985	8.7	0.2	7.5	0.9	7.4	0.2	6.5	0.7	1.3	0.0	1.1	0.2
1987	9.3	0.2	8.4	0.7	8.1	0.2	7.3	0.6	1.2	0.0	1.0	0.2
1989	11.5	0.4	10.3	0.8	9.7	0.2	8.9	0.6	1.8	0.2	1.4	0.2
1991	9.9	0.1	9.2	0.6	8.3	0.1	7.8	0.4	1.5	0.1	1.3	0.1
1993	13.3	0.0	12.7	0.7	11.3	0.0	10.8	0.6	2.0	0.0	1.9	0.1
1995	16.8	0.6	15.1	1.1	13.6	0.3	12.4	0.9	3.2	0.3	2.7	0.2
1997	18.9	0.6	16.7	1.5	13.9	0.4	12.3	1.2	5.0	0.2	4.4	0.4
All other types of positions												
1973	13.1	5.3	4.4	2.0	6.0	1.1	3.4	0.7	7.1	4.2	1.0	1.2
1975	14.4	6.0	3.9	1.5	6.6	1.4	3.2	0.5	7.8	4.5	0.7	1.0
1977	16.7	7.1	4.7	2.5	7.0	1.2	3.6	1.0	9.7	5.9	1.1	1.5
1979	23.7	9.3	7.3	6.1	9.7	1.4	5.3	2.4	14.0	7.9	2.0	3.7
1981	21.5	7.6	7.4	4.8	10.4	1.3	5.9	2.1	11.1	6.3	1.5	2.7
1983	30.6	13.0	9.9	6.5	10.9	1.7	6.0	2.3	19.7	11.2	3.9	4.2
1985	29.8	10.2	9.3	7.8	14.8	2.3	7.6	3.2	15.0	7.9	1.7	4.6
1987	26.7	9.2	9.8	7.1	14.6	2.2	8.1	4.1	12.1	7.0	1.8	2.9
1989	29.7	10.2	10.5	8.1	16.2	2.7	8.4	4.7	13.5	7.5	2.1	3.4
1991	32.6	10.9	11.2	9.5	17.5	2.3	9.0	5.9	15.2	8.5	2.3	3.7
1993	32.0	10.5	10.6	10.7	16.4	2.1	7.8	6.3	15.6	8.4	2.8	4.4
1995	35.2	12.3	12.0	10.9	17.3	2.3	8.8	6.2	17.9	10.0	3.2	4.7
1997	47.8	16.2	17.4	14.3	18.2	3.1	8.9	6.3	29.6	13.1	8.5	7.9

NOTE: Details may not add to totals because of rounding and omission of respondents with unreported work responsibility.

^aInstitutions are designated by Carnegie classification code (see Carnegie Foundation for the Advancement of Teaching, *A Classification of Institutions of Higher Education*, 1994 ed., Princeton: Princeton University Press, 1994).

SOURCES: National Science Foundation, Division of Science Resources Studies (NSF/SRS), Survey of Doctorate Recipients, special tabulations.

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